

In the Claims

Please cancel Claim 1.

Please amend Claims 13 and 14. Amendments to the claims are indicated in the attached "Marked Up Version of Amendments" (page i).

- Sub Ch 1*
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13. (Amended) A magnetic field sensor comprising a matrix of magnetostrictive material that strains under the influence of a magnetic field and imparts stress to at least one rod or fiber of piezoelectric material that is surrounded by the matrix to produce a detectable voltage.
14. (Amended) A magnetic field sensor comprising at least one rod or fiber of magnetostrictive material that strains under the influence of a magnetic field and imparts stress to a matrix of piezoelectric material surrounding the at least one rod or fiber to produce a detectable voltage.
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Please add new claims 30-33:

- CJ Cont*
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30. (New) The magnetic field sensor of Claim 13, wherein a plurality of piezoelectric material rods or fibers are connected electronically in parallel.
31. (New) The magnetic field sensor of Claim 13, wherein each one of a plurality of piezoelectric material rods or fibers is connected to an associated read-out circuit.
32. (New) The magnetic field sensor of Claim 13, wherein a single piezoelectric rod or fiber is surrounded by a magnetostrictive matrix material.